

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number  
**WO 2005/056942 A1**

(51) International Patent Classification<sup>7</sup>: **E03F 5/14,**  
7/02, E03C 1/26, 1/262, 1/264

(21) International Application Number:  
PCT/AU2004/001682

(22) International Filing Date: 1 December 2004 (01.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003906884 10 December 2003 (10.12.2003) AU

(71) Applicant (for all designated States except US): **SPECIALITY PLUMBING SUPPLIES PTY LTD** [AU/AU];  
16 Kardella Ave, Killara, NSW 2071 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CREASY, David,**

**William** [AU/AU]; 33 Mills Ave, Asquith, NSW 2077 (AU). **CHAPMAN, Raymond, George** [AU/AU]; 16 Kardella Ave, Killara, NSW 2071 (AU).

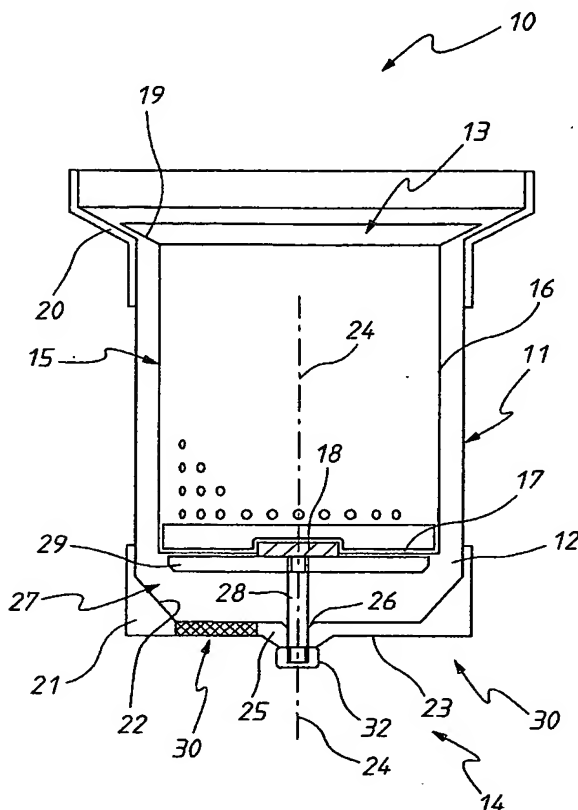
(74) Agent: **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: A FILTER ASSEMBLY



(57) Abstract: A floor waste (10) including a filter basket (16) having a magnet (18). The magnet (18) attracts a movable valve member (27) upwardly from a seat (22) to allow liquid to pass through the seat (22). When the basket (15) is removed the movable valve member (27) closes the seat (22). In one embodiment the valve member (27) includes a valve disk 29 that prevents the flow of liquid through the seat (22) when engaged therewith, while in another embodiment the disk (29) has a series of passages (31) that permits the flow of liquid through the seat when the disk (29) is engaged with the seat (22).



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*